0077271 A2 82E760

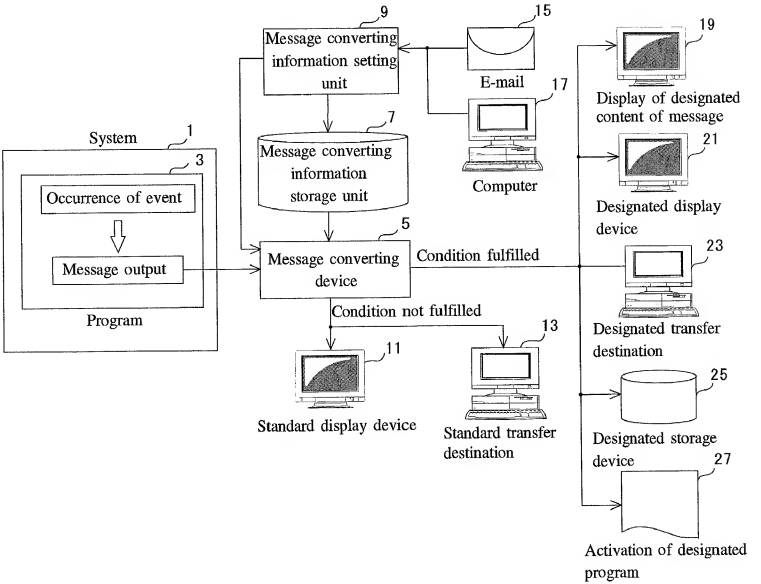


FIG.1

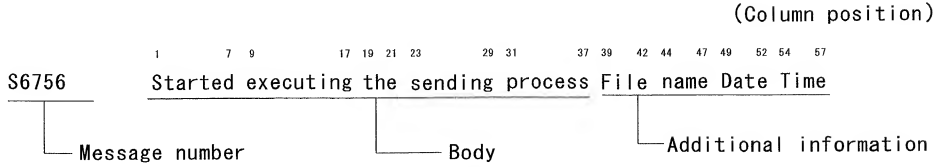


FIG.2

300

Designation Unit	Specification of message (304)		Time (310)		Operation (318)		
	Type of condition (302)	Content of condition (306)	Time range the message occurred (308)	Operation time (312)	Type of Operation (314)	Priority (316)	Content of operation (320)
Set the designation unit	1 2 3	S6756 11-15=FAILA File mame=FAILA	Set time range the message occurred	Set time of operation	1 2 3 4 5	From 1 to n	Finished placing an order to company A WKSTN001 mail:arao@fujitsu logfileA programA

FIG.3

	Specification of message			Time		Operation		
	Designation Unit	Type of condition	Content of condition	Time range the message occurred	Operation time	Type of operation	Priority	Content of operation
(1)		1	S6756	8:00-17:00		2 2	1 2	WKSTN001 WKSTN002
(2)		1	S6745	17:00-08:00		3		mail:arao@fujitsu
(3)		2	"01-45=error occurred at www server3012./var /httpd.."	08:00-17:00		1 3		system overload www error mail:arao@fujitsu
(4)		3	From=arao@fujitsu To=suzuki@fujitsu		09:00	3		mail:suzuki@fujitsu
(5)		1	S6756	08:00-17:00		5		endprogram
		1	S6745	08:00-17:00				

FIG.4

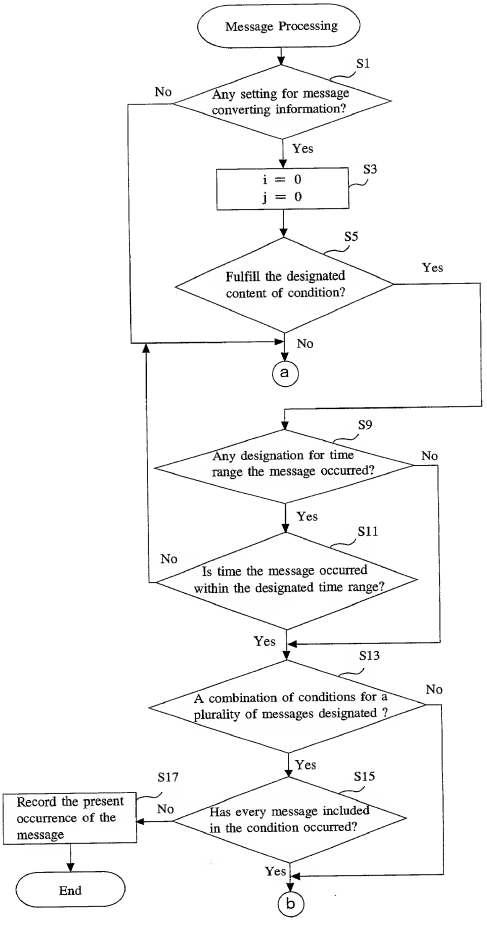

Message Processing
S1
Any setting for message converting information?
No
Yes
S3
i = 0
j = 0
S5
Fulfill the designated content of condition?
Yes
No
a
S9
Any designation for time range the message occurred?
No
Yes
S11
Is time the message occurred within the designated time range?
No
Yes
S13
A combination of conditions for a plurality of messages designated ?
No
Yes
S17
Record the present occurrence of the message
S15
Has every message included in the condition occurred?
No
Yes
End
b

FIG.5

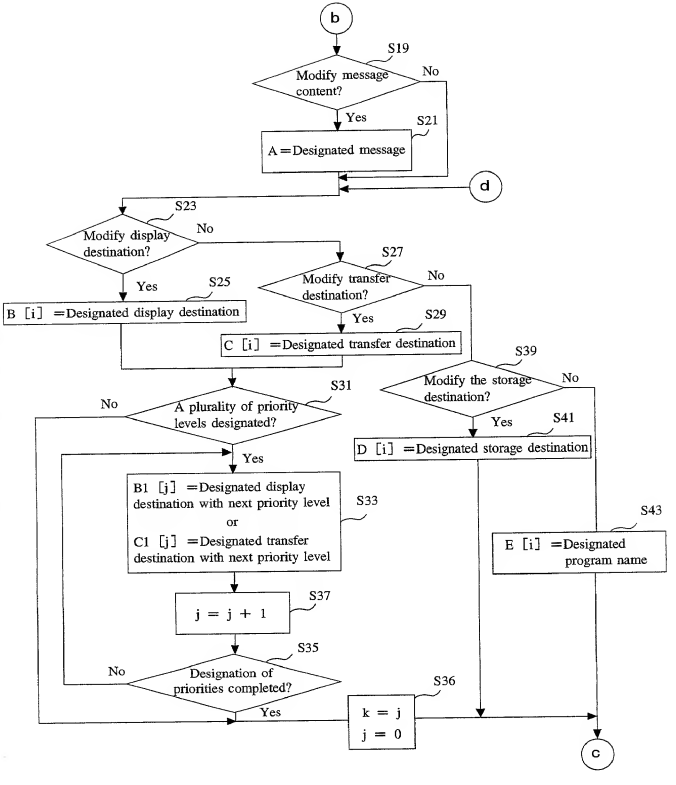

b
S19
Modify message content?
No
Yes
S21
A =Designated message
d
S23
Modify display destination?
No
Yes
S25
B [i] =Designated display destination
S27
Modify transfer destination?
No
Yes
S29
C [i] =Designated transfer destination
S39
Modify the storage destination?
No
Yes
S41
D [i] =Designated storage destination
S31
A plurality of priority levels designated?
No
Yes
B1 [j] =Designated display destination with next priority level
or
C1 [j] =Designated transfer destination with next priority level
S33
S43
E [i] =Designated program name
S37
j = j + 1
S35
Designation of priorities completed?
No
Yes
S36
k = j
j = 0
c

FIG.6

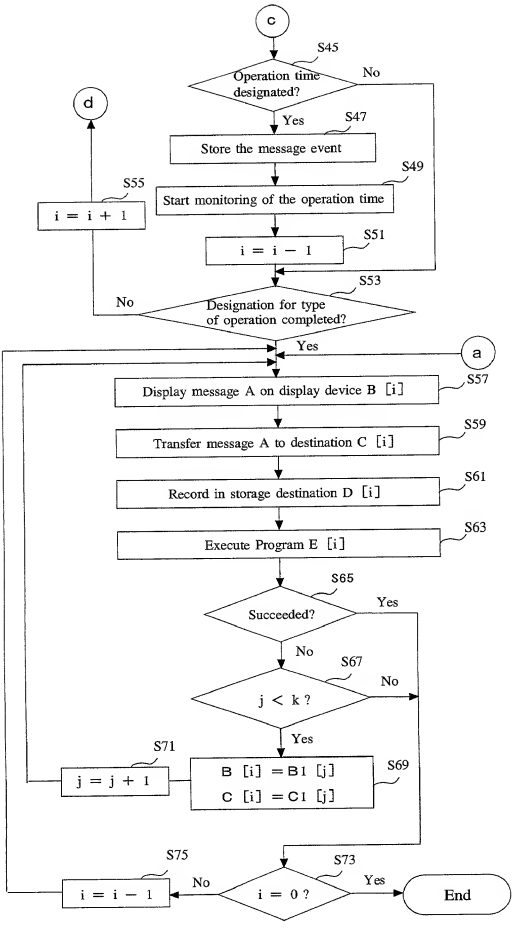

c
S45
Operation time designated?
No
Yes
d
S47
Store the message event
S49
Start monitoring of the operation time
S55
i = i + 1
S51
i = i − 1
S53
No
Designation for type of operation completed?
Yes
a
S57
Display message A on display device B [i]
S59
Transfer message A to destination C [i]
S61
Record in storage destination D [i]
S63
Execute Program E [i]
S65
Succeeded?
Yes
No
S67
No
j < k ?
Yes
S71
j = j + 1
B [i] = B1 [j]
C [i] = C1 [j]
S69
S75
S73
No
i = i − 1
i = 0 ?
Yes
End

FIG.7

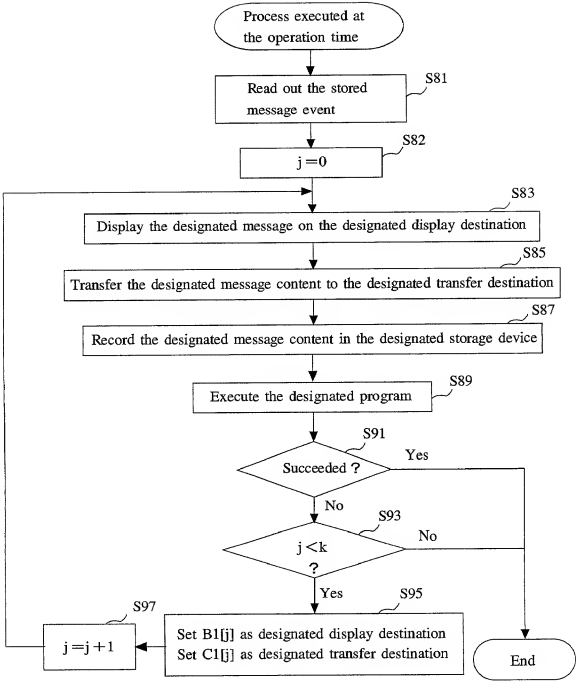

Process executed at the operation time
Read out the stored message event
S81
j=0
S82
S83
Display the designated message on the designated display destination
S85
Transfer the designated message content to the designated transfer destination
S87
Record the designated message content in the designated storage device
Execute the designated program
S89
S91
Succeeded ?
Yes
No
S93
j<k ?
No
Yes
S95
Set B1[j] as designated display destination
Set C1[j] as designated transfer destination
S97
j=j+1
End

FIG.8

FIG.9A

	Specification of message			Time		Operation		
	Designation Unit	Type of condition	Content of condition	Time range the message occurred	Operation time	Type of operation	Priority	Content of operation
(1) ※		3	To:WKSTN001	08:00-12:00		2		WKSTN001
(2)		3	To:WKSTN001	12:00-18:00		2		WKSTN002
(3)		3	To:WKSTN001	18:00-08:00		3		mail:0909991111@xxx.com

FIG.9B

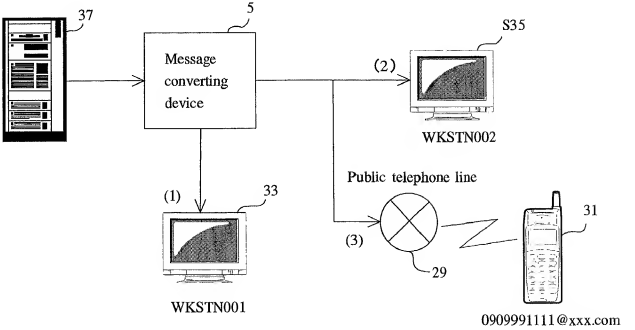


FIG.10A

	Specification of message			Time		Operation		
	Designation Unit	Type of condition	Content of condition	Time range the message occurred	Operation time	Type of operation	Priority	Content of operation
(1) ※		1	S6666	08:00-18:00		5		ProgramA
(2)		1	S6666	18:00-08:00		5		ProgramB
(3)		1	S6666	Holiday 08:00-08:00		5		ProgramC

FIG.10B

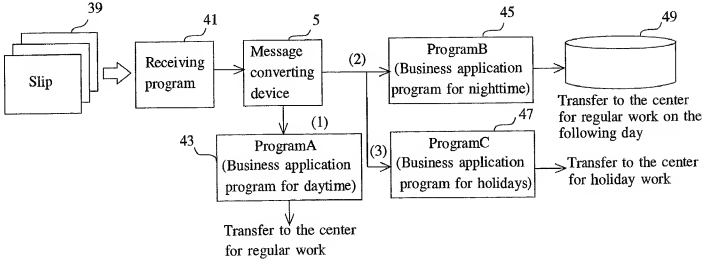


FIG.11A

	Specification of message			Time		Operation		
	Designation Unit	Type of condition	Content of condition	Time range the message occurred	Operation time	Type of operation	Priority	Content of operation
(1) ※		3	To:arao@yk.fujitsu.co.jp	08:00-18:00		3		mail: arao@yk.fujitsu.co.jp
(2)		3	To:arao@yk.fujitsu.co.jp	18:00-08:00 Holiday 08:00-08:00		3		mail: arao@nifty.com

FIG.11B

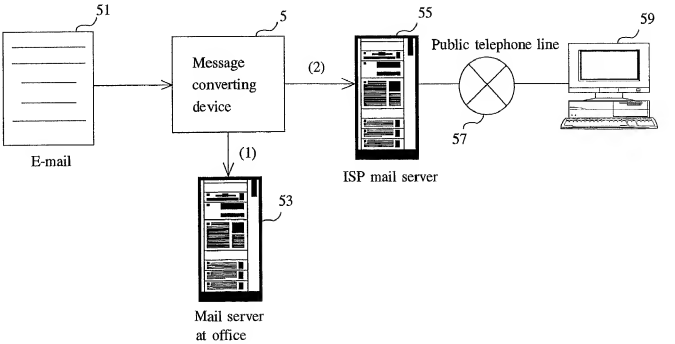


FIG.12A

Specification of message			Time		Operation		
Designation Unit	Type of condition	Content of condition	Time range the message occurred	Operation time	Type of operation	Priority	Content of operation
	3	To:arao@yk.fujitsu.co.jp	09:00		3		mail: arao@yk.fujitsu.co.jp

FIG.12B

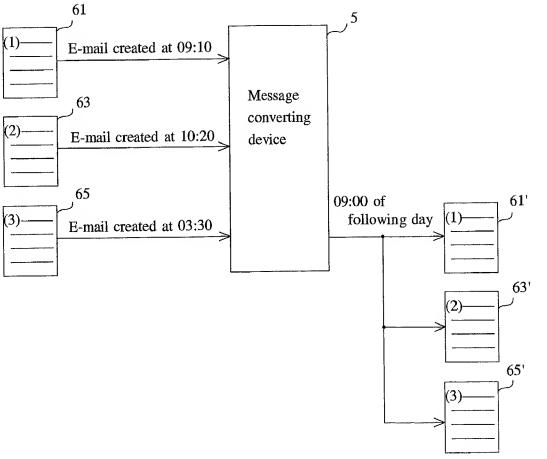


FIG.13A

Specification of message			Time		Operation			
Designation Unit	Type of condition	Content of condition	Time range the message occurred	Operation time	Type of operation	Priority	Content of operation	
	1	S6665		2		1	WKSTN0001	(1)
				2		2	WKSTN0002	(2)
				3		3	mail:0909992222@xxx.com	(3)

FIG.13B

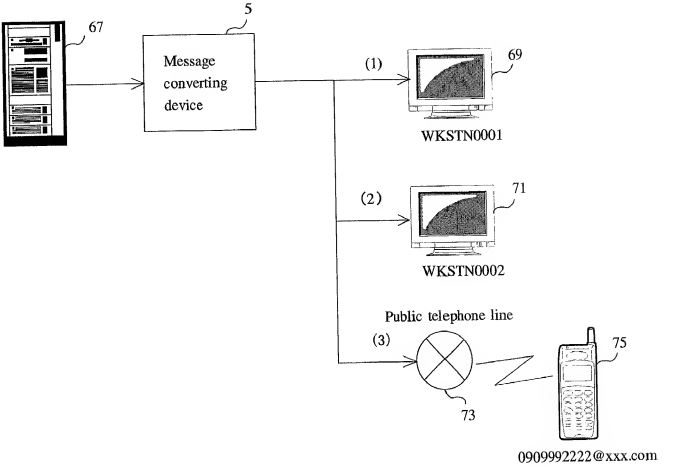
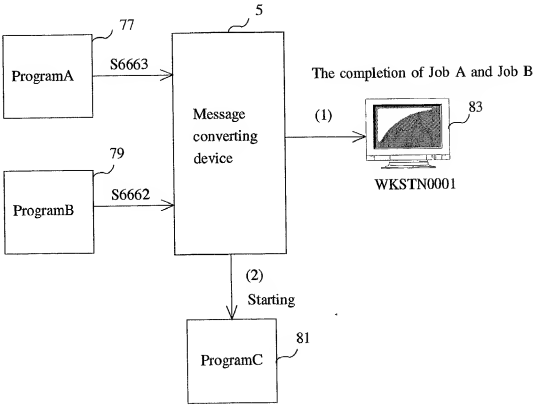


FIG.14A

Specification of message			Time		Operation			
Designation Unit	Type of condition	Content of condition	Time range the message occurred	Operation time	Type of operation	Priority	Content of operation	
	1	S6663			1		WKSTN0001	(1)
	1	S6662			5		ProgramC	(2)

FIG.14B



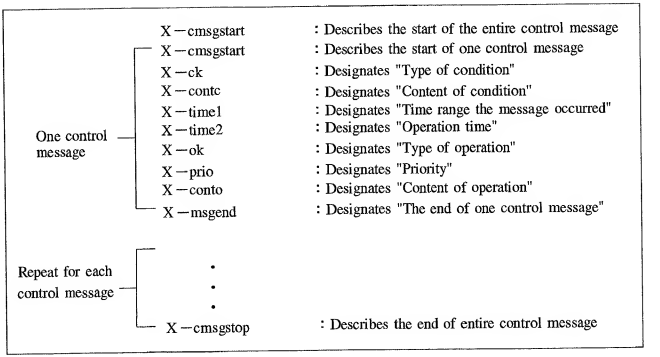

X−cmsgstart : Describes the start of the entire control message
One control message
X−cmsgstart : Describes the start of one control message
X−ck : Designates "Type of condition"
X−contc : Designates "Content of condition"
X−time1 : Designates "Time range the message occurred"
X−time2 : Designates "Operation time"
X−ok : Designates "Type of operation"
X−prio : Designates "Priority"
X−conto : Designates "Content of operation"
X−msgend : Designates "The end of one control message"
Repeat for each control message
X−cmsgstop : Describes the end of entire control message

FIG.15

0012341.0226760

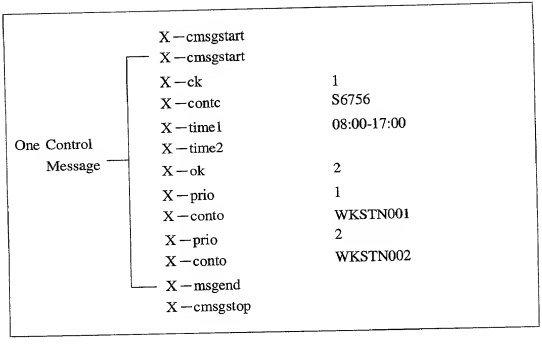


FIG.16

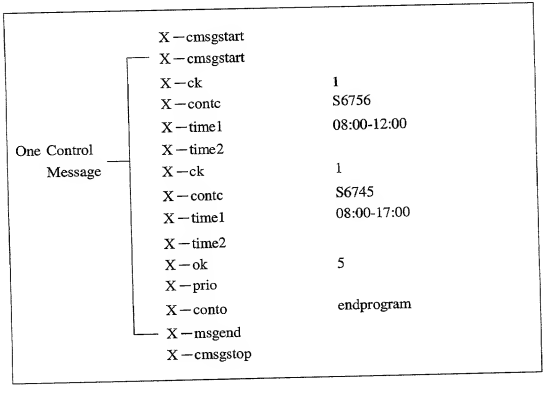


FIG.17

FIG.18A

(Mail header) Designation of control message
(Body) None

FIG.18B

(Mail header) Designation of control message
(Body) Dear XXXX, Concerning the patent XXXX Concluded

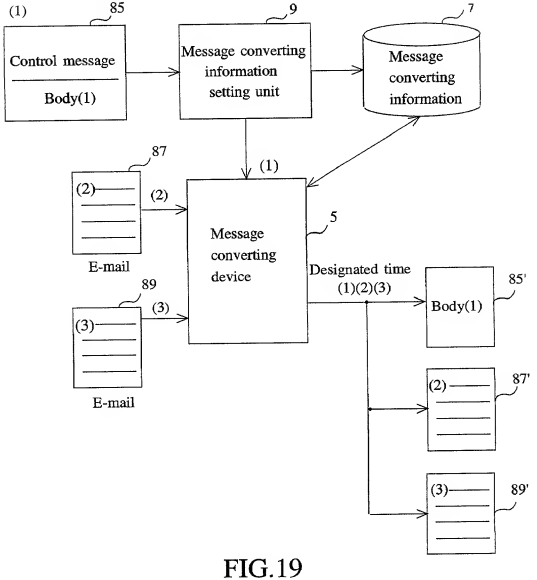


FIG.19